

ABSTRACT

A method for producing a replaceable fuser member including a thin, seamless or welded high temperature nickel sleeve, a base cushion positioned around the sleeve and an outside topcoat applied over the base cushion elastomer layer. The sleeve is replaceable on a machine mandrel positioned in an electrophotographic copying machine in a fuser section of the electrophotographic copying machine. The method includes the use of a mandrel having a coefficient of thermal expansion similar to that of the sleeve to support the sleeve during positioning of a cured base cushion layer around the sleeve and a cured topcoat layer over the cured base material.